

## Title (en)

Water purification device with a diaphragm unit for supplying water under high pressure

## Title (de)

Wasserreinigungsgerät mit einer Diaphragmaeinheit zur Bereitstellung von Wasser unter hohem Druck

## Title (fr)

Purificateur d'eau avec une unité de diaphragme pour la mise en disponibilité d'eau sous haute pression

## Publication

**EP 1440726 A3 20050202 (EN)**

## Application

**EP 04075046 A 20040116**

## Priority

DE 10302580 A 20030122

## Abstract (en)

[origin: EP1440726A2] The invention concerns a water purification device (1) with a fluid pump (2), a diaphragm unit (6) having a diaphragm (9), which separates a primary side (7) from a secondary side (8), and a consumer (18) having a pressure requirement, the fluid pump (2) being connected with the primary side (7) and the consumer (18) being connected with the secondary side (8). <??>It is endeavoured to supply the consumer (18) with water under a high pressure. <??>For this purpose, the fluid pump (2) supplies the pressure (P2) for the consumer (18) through the diaphragm (9).

## IPC 1-7

**B01D 61/02**; **B01D 61/12**; **C02F 1/44**

## IPC 8 full level

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## CPC (source: EP US)

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## Citation (search report)

- [X] DE 10112725 A1 20021002 - MICHELBACH LUDWIG [DE]
- [X] DE 19818692 C1 19990708 - SCHAEEL WILFRIED [DE]
- [X] DE 4331102 A1 19950316 - WALTHER MEDIZIN TECHNIK GMBH [DE]
- [X] "AUTOMATED WATER-PURIFICATION SYSTEM", NTIS TECH NOTES, US DEPARTMENT OF COMMERCE. SPRINGFIELD, VA, US, 1 April 1989 (1989-04-01), pages 278,1 - 2, XP000033609, ISSN: 0889-8464
- [XA] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 03 27 February 1998 (1998-02-27)

## Cited by

EP2639203A1; US9937468B2

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## DOCDB simple family (publication)

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## DOCDB simple family (application)

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